

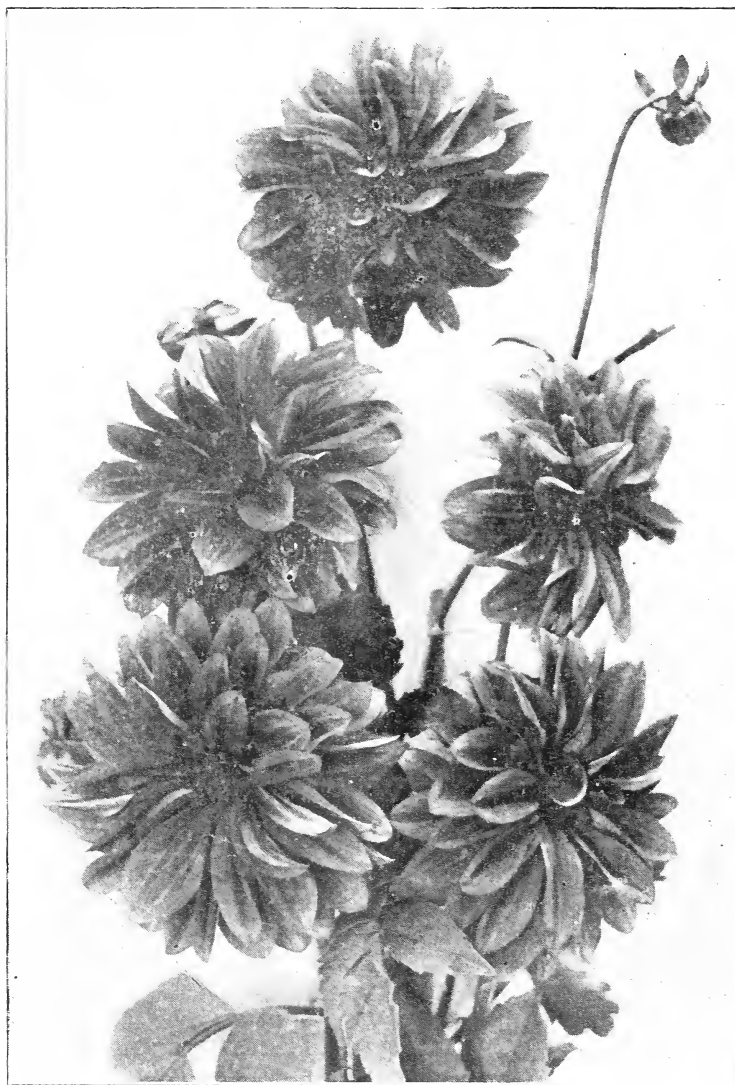
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257 19140

NEW PEONY-FLOWERED DAHLIA



“Cochineal”

See Description on Page Five

:: RAISED AND INTRODUCED BY ::

HEAD'S BERGENFIELD NURSERIES

THOS. W. HEAD, Proprietor

Bergenfield,

Telephone 107 Dumont

New Jersey

PREFACE

We publish this list in the hope that it will be a handy means of reference.

Our stock of plants is second to none and we confidently solicit your orders.

DAHLIA PLANTS VERSUS ROOTS.

Potted plants are used in preference to tubers by many expert growers of exhibition blooms. We wish to state that after having an experience extending over 20 years—and to correct a wrong impression the average grower of dahlias entertains—that we have invariably had better results from using potted plants than by planting tubers. Green plants do not produce that excess of unproductive growth that tubers do.

Order Early.—Orders executed in strict rotation. We commence shipping plants about April 15th.

Forwarding.—Dahlia plants can be sent by mail if so desired, but we strongly advise to have them sent by express, as larger plants can be sent in this way, and extras are added to help defray charges. We ship this way unless instructed to the contrary.

Chrysanthemums and Carnations.

Shipments commence as early in the new year as the stock is in condition to be distributed

Quality.—The large number of kind letters that we receive from new customers complimenting us on the quality of the plants sent and the fine condition in which they arrived is very gratifying to us. The number of repeat orders we receive from regular customers is evidence enough that our plants give satisfaction.

We guarantee all shipments to be forwarded from Bergenfield, N. J., at the special plant rate, which is 20 per cent. less than merchandise rates. And this will in all probability be reduced a further 25 to 30 per cent. on February 1. In the absence of definite shipping instructions we always bill by quickest and cheapest route.

While we exercise the utmost care to keep our stock clean and true to name, we give no warranty, express or implied, on the same, and if purchaser does not accept the goods on these terms they are to be returned at once.

If errors do occur, due to the carelessness of our employees, we would be pleased to be notified immediately.

We cannot guarantee goods sent by mail excepting in the case of very small orders. It is always better to have the stock sent by express and we endeavor to offset the cost of express charges by a few additional plants.

Cash with Order.—Please send money with the order sufficient to cover the whole bill. We do not send goods "C O. D." unless remittance be made on account to guarantee acceptance.

THE PEONY-FLOWERED DAHLIA.

Among the different class of Dahlias no class gives so much satisfaction as the Peony-flowered. They are the first to bloom and bloom continually until frost. The flowers of this type hold up in size on ordinary soil much longer than others. They are finer for cutting, as they have long stems, and are graceful when arranged in vases. (The Florist's Exchange, Oct. 26th, 1912.)

The Peony-flowered varieties offered this year are a selection of the best, out of a collection of 120 varieties, grown during the past two seasons for thorough trial. If an old favorite is missed, a new variety of superior merit has been found to take its place. This remarkable class has fulfilled the great expectations which were formed on their introduction. Where big fluffy flowers on long stems are required for garden decoration or cutting, nothing finer can be had. At the Fall show held by the American Institute of the City of New York we were again successful in gaining the First Award for the best collection of Peony-flowered displayed in vases on long stems. Our display almost entirely consisted of varieties that have been introduced by us and in addition, the novelties for 1914.

NOVELTY PEONY-FLOWERED DAHLIAS

of my own raising for 1914.

For habit of growth, length of stem, beauty of coloring, and profuseness in blooming, the following six varieties will be found to be all that can be desired.

Basalt.—Pure deep pink. An enormous flower with four rows of petals, of even color throughout; a strong grower carrying the flowers on a good stem

Dorothy Head.—Color bright salmon, with a suffusion of yellow, running from center of flower to the point of each petal; producing pleasing flowers on long, rigid stems in August and continues blooming profusely throughout the season. This variety has created quite a sensation in our trials during the past season.

Magician.—Light pink shaded carmine, yellow center, flowers of fine form and substance, carried erect on long stems. A decided acquisition.

P. W. Popp.—Beautiful lake suffused with brilliant flame in center. The most distinct Dahlia in the Peony-flowered class both in flowers and foliage. The merit of the large spreading flowers of vivid coloring will quickly place this variety in the front ranks.

Professional.—Bright poinsetta red with a distinct yellow disc, making a charming and effective contrast. A distinct variety of unique coloring, producing flowers of exhibition size throughout the season, borne on long, strong, wiry stems.

The Author.—Brilliant terra-cotta, upright grower, dark stem and foliage, producing flowers as early and profusely as "Cochineal," but with a stronger stem.

Pot plants for delivery during May, \$1.00 each;

set of one each, six varieties, \$5.00.

NEW PEONY—FLOWERED DAHLIAS FOR 1914.

Of European Origin.

The following are the very best varieties introduced by other well-known raisers, and are all grand varieties.

Chatenay—Color similar to the well-known Chatenay rose. Blooms held erect on good stiff stems.

First-class certificate, Amsterdam, 1913.

Duchess of Brunswick—Bright red; blooms eight to nine inches across, the outside of the florets being apricot.

First-class certificate, Amsterdam and Haarlem, 1913.

First-class certificate, National Dahlia Society.

Award of Merit, Royal Horticultural Society, London, Sept., 1913.

Mrs. J. C. Vaughan—Lovely bright, yet clear, yellow flowers, eight inches across with incurved irregular florets of the Cactus type; very attractive; good stem and substance.

First-class certificate, Amsterdam and Haarlem, 1913.

First-class certificate, National Dahlia Society.

Award of Merit, Royal Horticultural Society, London, Sept., 1913.

Prices of the above three varieties, plants for spring delivery, \$2.50 each.

Avalanche—Pure white; the best white in this class. Award of Merit.

Electra—Bluish mauve; grows very erect above the foliage; free flowering.

First-class certificate.

Fraulein Budde—Beautiful soft-pink, very free flowering. First-class certificate.

Glory of Nijkerk—Crimson cerise, shaded maroon. A deep spreading flower of striking color. Plants robust and sturdy growers, with heavy fine-cut foliage, and very free flowering. This variety is of European origin and did exceptionally well in our trials last season.

Lovliness—Pale lilac, shaded white. A very pleasing flower. Award of Merit.

Painted Lady—Pale rose flowers of exquisite coloring; habit of plants all that can be desired. Award of Merit.

Prices of the above six varieties, plants for spring delivery, \$1 each; \$10 per dozen.

NEW SINGLE DAHLIA.

Amber.—The sensation of 1912. Color, beautiful amber-shaded fawn. Grows five feet high. Flowers produced on long stems in great profusion throughout the entire season. This variety is one of our own introductions and was awarded a Certificate of Merit at the Dahlia Show held at the American Institute, Sept. 22 to 26, 1912. Green plants will be distributed in May, 1914, at 50c. each, or \$5.00 a dozen.

SELECT PEONY-FLOWERED DAHLIAS OF RECENT INTRODUCTION

- Belfast Gem.**—Light pink, veined yellow; prettily colored flowers of large size, produced on long, strong stems. Plants, 50c. each.
- Cochineal.**—A most striking variety and the subject of much admiration in our fields. "Cochineal" was the first to bloom and produced more flowers per plant than any other variety in the fields. Color, a deep cochineal red shaded fawn. Plants, 50c. each.
- Dr. Peary.**—A new and distinct color of this type, being a dark mahogany of velvety texture. Plants, 50c. each.
- Engineer.**—Beautiful bright lake, suffused yellow; large flowers of exquisite color freely produced on wiry stems. Plants, 50c. each.
- Hortulanus Budde.**—Bright orange-red. A splendid round form, blooms erect, well above the foliage. Plants, 50c. each.
- Matador.**—Terra-cotta suffused lake, a full heavy flower of charming color. Plants, 50c. each.
- Pembroke.**—Bright carmine shaded white; flowers large—often nine inches across—borne well above the foliage on strong, stiff stems. Plants, 50c. each.
- Picador.**—Deep blush, shaded lilac; flowers of pleasing color and good exhibition size; extremely long wiry stems. Decided acquisition. Plants, 50c. each.
- Sherlock Holmes.**—Lovely mauve, a new color in this race, of grand form, flowers standing erect above the foliage and freely produced. Plants, 50c. each.
- Vesta.**—Pale yellow, shaded salmon-rose; beautiful form; fine for cutting. A new color. Plants, 50c. each.
- Caecilea.**—Creamy white, shaded lemon towards center, of fine form and exceptionally large size. Keeps a long time in water and is splendid for home adornment. Plants, 35c. each.
- H. J. Lovink.**—White mauve shaded; very robust grower, bringing its flowers erect above the foliage. This variety is very attractive and is classified as one of the best introductions of last year. Plants, 35c. each.
- Bertha von Suttner.**—Blush-rose, with salmon tint; most graceful flowers of giant dimensions, having elegantly twisted and curved petals; very fine acquisition, obtained by hybridization with the variety H. Horusveld. A compact, sturdy grower; flowers carried erect on stout stems. Plants, 35c. each.
- Caesar.**—Clear, soft buttercup-yellow, which in the sunlight has a glittering golden sheen. The scarcity of true yellows makes this variety doubly welcome. Plants, 35c. each.
- Geisha.**—The showiest and most attractive of this type yet introduced; of strong growth, with the rich colored flowers standing well above the foliage. Original in form, peculiarly twisted and curled petals, of an effective and rich combination of scarlet and gold shading off lighter at the edges. Plants, 35c. each.
- Germania.**—Bright, glowing crimson-scarlet; a very fluffy, artistic flower, borne on long stiff stems. Plants, 25c. each.

Selected Peony—Flowered Dahlias (continued).

King Edward.—Deep purple, unique shade; flowers of fine form, with long pointed petals, borne on long stems. Plants, 25c. each.

Kaiserin Augusta Victoria.—Primrose-yellow; round flowers of pleasing form, carried erect. A variety superior to "Queen Alexandra." Fine for table decoration. Plants, 25c. each.

P. W. Jansen.—Rosy salmon, shaded yellow; large handsome flowers, on exceptionally long strong stems. An excellent variety for cutting. Plants, 25c. each.

Queen Wilhelmina.—Immense fluffy flowers of pure white, with yellow center; makes a handsome flower for decoration. The most satisfactory pure white we have. Plants, 25c. each.

Collection of one plant each of the above 20 varieties for \$6.50.

DECORATIVE DAHLIAS.

Alice Roosevelt.—A beautiful clear ivory white, shaded lilac. The flowers are borne on long stems. Free and early flowering. Strong plants 50c. each.

America.—Orange and apricot; large flower. First-Class Certificate, Amsterdam and Haarlem. Strong plants, \$1.00 each.

Berch von Heemstede (1914)—Pure yellow; flowers carried erect and freely produced. First-class certificate.

Strong plants, \$1.50 each.

Great Britain.—Clear mauve, reminding one of the soft tints seen in the orchids; large flowers. First-Class Certificate, Amsterdam and Haarlem. Strong plants, \$1.00 each.

Hortulanus Fiet.—Salmon, yellow center; the largest of the decorative class; an acquisition for the exhibition table. First-Class Certificate, Amsterdam. Certificate of Merit, Haarlem. Strong plants, \$1.00 each.

Hortulanus Witte.—Pure white flowers of extra large size. First-Class Certificate. A variety that we can recommend with every confidence. Strong plants, 50c. each.

Leo XIII (1914)—Deep yellow; remarkable form; very attractive. A sterling novelty. Award of Merit, 1913. First-class certificate, 1913.

Strong plants, \$1.50 each.

Mont Blanc.—Very large, pure white; strong, heavy grower. Produces flowers with hard centers from the tubers, but produces a fine exhibition bloom from green plants.

Mrs. Fleers.—A perfect combination of colors, red and rose; exceedingly attractive. First-class certificate. Strong plants, 50c. each.

Princess Juliana.—A wonderful white decorative Dahlia; plants covered with blooms from early until late. Extremely long stems, and flowers carried erect. Flowers medium in size, the very best for decorative work. Award of merit, R. H. S., London. First-class certificate, Amsterdam.

Strong plants, 50c. each.

Zeppelin—A very pretty mauve. Plants have a good habit of growth, and flowers are of perfect form. Award of Merit, Amsterdam.

Strong plants, 50c. each.

NOVELTY CACTUS DAHLIAS FOR 1914.

I offer the following 10 varieties with every confidence that they will give satisfaction, become standard varieties wherever they are grown, and add greatly to the number of sterling good varieties previously offered.

Prices for green plants in spring 1914, \$1.00 each. Set of ten varieties, \$9.00.

Beauport Beauty—A large flowered Cactus, but of exceptionally good habit.

The growth is never by any means too gross, yet the plants make good bushes, the flowers having perfectly rigid, black, wiry stems. Color, yellowish buff, overlaid with tints of salmon.

Dolly—A distinct and striking bi-color Cactus, about two-thirds of the length of the florets, being crimson scarlet in color, the remainder pure white. Form slightly and evenly incurved. Plants of upright growth, with flower stems of average length.

Awarded first-class certificate, National Dahlia Society.

Award of merit, Royal Horticultural Society.

F. W. Fellows—This variety produces huge flowers with surprising freedom. In addition to its phenomenal size it is grand in every way, the florets being narrow and so numerous as to allow the blooms to remain full in the center until long past their prime. The plants have a capital style of growth, the flower stems being particularly wiry. Color, bright orange-scarlet throughout. Although not of incurved form this is a good exhibition cactus.

Francis White—Although white cactus Dahlias are now fairly plentiful, there is room for this addition owing to its distinct form, the florets curling and twisting cork-screw fashion as well as being narrow in the usual way. The flowers are very deep, never showing a pollen center, and they are freely produced from early till late.

George Schofield—A medium-sized flower of perfect form, the narrow florets being partially whorled and very incurved. The color is beautiful, yellow in center deepening to apricot, which again lightens to white at extreme tips. Plants of good habit with average flower stem.

Awarded First-class Certificate, National Dahlia Society.

John Riding—The plants are particularly sturdy, healthy growers, and produce enormous blooms of splendid incurved and interlacing form. For exhibition this is one of my finest introductions, its exceptional size, perfect form, great depth, and deep rich crimson color placing it in the front rank.

Awarded First-class Certificate, National Dahlia Society.

Award of Merit, Royal Horticultural Society.

Mrs. Henry Randle—A model Dahlia; plants healthy, having an upright style of growth, the flowers being carried erect well clear of any foliage. The blooms are of medium size and prettily incurved, color, pale cream, quickly changing to a lovely rosy tint, and tipped creamy white. This will prove to be one of the best all-round cactus in existence.

Awarded First-class Certificate, National Dahlia Society.

Award of Merit, Royal Horticultural Society.

Nantwich—With this variety the habit is a great feature, the growth being upright and flower stem particularly strong; blooms slightly incurved.

Novelty Cactus Dahlias for 1914 (continued).

The florets are unusually bold in texture, withstanding the weather to a marked degree. Color light bronzy orange, somewhat deeper in center.

Awarded First-class Certificate, National Dahlia Society.

Award of Merit, Royal Horticultural Society.

Pegasus.—Grand color, white at base to pink at tips, thickly striped and speckled with vermilion. Flowers of good cactus form, produced early in the season on long stems.

Awarded First-class Certificate, National Dahlia Society.

Award of Merit, Royal Horticultural Society.

Scorpion.—The blooms are of medium size, almost globular and clear light yellow in color, with florets so incurved and interlaced as to almost meet in the center. A great favorite with several specialists and also with us.

NEW CACTUS DAHLIAS OF 1913.

The following twelve varieties are of sterling merit, and have been awarded, in all, eight First-class Certificates and Awards of Merit by the National Dahlia Society and the Royal Horticultural Society.

Prices for green plants in spring, 1914, 75c. each;

set of 12 varieties, \$7.50.

Coronet.—A beautiful flower both in form and color, the form being of the most pronounced claw-shaped type, showing no irregularity. The color is bright deep orange for the most part, but near the base lightens to yellow. The plants are of good habit, flowers deep and stems of average length.

Empress.—This is a huge cactus, flowers both deep and massive, very incurved in form and with a perfect everlasting center. The color is a striking shade of purplish-crimson, but at the base the florets are white. Plants strong in growth and flower freely throughout the autumn.

Frederick Wenham.—One of the largest Cactus Dahlias yet raised. The florets are narrow and of extreme length. Flowers partially incurved, florets irregularly whorled and twisted, giving the flower a most graceful appearance. The growth is perfectly upright, and the stems as stiff as a cane. Color, warm fawn-pink, with soft salmon at the center. A fine exhibition variety.

Golden Wave.—Color a rich deep pure yellow, the flowers being large and florets extraordinarily numerous, the centers remaining perfect till long after the blooms are in their prime. The plants are robust, healthy growers; flower stems long and strong. A Dahlia that has come to stay and one likely to supersede all existing yellows.

Golden Plover.—Here we have a Cactus of neat and precise form, every floret incurving evenly and regularly. The flowers are of fair size and freely produced, coming good early in the season. A sturdy grower, producing flowers freely on stems of good length and strength. Color, golden yellow, shaded bronze toward the tips.

Miss Stredwick.—The raiser of this variety offered it as the finest Cactus Dahlia yet introduced. The color is truly beautiful—soft yellow at

New Cactus Dahlias for 1913 (continued).

base quickly changing to a lovely tint of deep pink, with a lighter shade at the tips. The form is excellent and center perfect. Plants clean and healthy, and flower stem good.

Miss Hillis.—Reddish bronze, overlaying yellow tips and petals tinted peach, making a splendid finish. Plants flower freely, commencing early and continuing throughout the season. Stems exceptionally long.

Mrs. Stephens.—Color is decidedly unique, being a pale primrose, reminding one of the Sweet Pea "Clara Curtis," but a clearer tint. The foliage is long and graceful; the flower is first-class and stems long and hard. It flowers early and remains in form throughout the season.

Olympic.—A grand flower of deep rich crimson color and massive proportions, being exceptionally incurved. For exhibition this will prove a valuable addition either for showing as a specimen bloom or in bunches.

Richard Box.—Clear light yellow, totally distinct from "Golden Wave," the form being perfectly incurved, while the color is a much lighter and softer shade of yellow. A strong feature of this variety is its grand flower stem, the blooms being held erect in spite of their great size and weight.

Turtle Dove.—A prettily colored Cactus, the lower portion of the petal being scarlet, changing to white midway up the petal; incurved flowers of fair size. The best bi-color Cactus yet raised.

Uranus.—A most beautiful exhibition flower of finest incurved form and the quantity of perfect blooms produced is surprising. It is a fancy Cactus, the ground color being white, thickly speckled and striped with vermilion-scarlet. The plants grow freely and the flower stems are long and pendant.

CREAM OF THE STANDARD CACTUS DAHLIAS.

Crystal.—White in center passing to deep silvery pink, every floret incurving and showing the white reverse at tips. Plants 35c.

Dr. Roy Appleton.—In this lovely variety we have the finest of the straight petalled flowers. The color is a beautiful light lemon-yellow deepening to light salmon. Plants 35c.

Golden Eagle.—Even in an unusually good set of novelties, this variety stood out as a flower possessing extra merit. Color, bright yellow with suffusions of rose and fawn. Plants 35c.

H. L. Brousson.—First-class flower with the narrowest possible florets, of great length. White in the center, changing to deep, rich rose. Plants 35c.

Irresistible.—A variety which boasts this name should be of great size and possess other good points. "Irresistible" can claim all. Color, yellow, suffused with rose. Plants 35c.

Mrs. Douglas Fleming.—Finest white cactus yet raised, producing flowers freely during the entire season. For exhibition this variety is an absolute necessity and for any purpose it is second to none. Plants, 35c.

New York.—The term massive is not too strong to describe the appearance

Cream of the Standard Cactus Dahlias (continued).

of this variety. It is a seedling of "C. E. Wilkins." Color; orange yellow shading off to bronzy salmon. Plants 35c.

Onward.—A variety of unique formation, with florets twisted and interlocked to form an almost globular flower. Color; pink throughout, but of different shades. A grand variety. Plants 35c.

Signal.—A genuine dahlia, medium size, perfect form, exceptionally good habit, every stem perfectly erect. Flowers early and continues. A grand crimson scarlet. Plants 35c.

Tokyo.—A flower of great depth and width. Color; very pretty, a soft shade of pinkish salmon, being greatly enhanced by shades of yellow at base and extreme tips. Plants 35c.

Dawn.—Bright yellow at base gradually deepening to cerise, the tips again lightening to yellow. Plants 25c.

C. E. Wilkins.—Large flower. Color, pale sulphur-yellow, gradually passing to a tender salmon-pink. A splendid bloom. Plants 25c.

Glory of Wilts.—We have not the least hesitation in describing this as the very best yellow Dahlia yet raised. Plants 25c.

H. H. Thomas.—This variety has come to stay, as very few varieties combine so many good qualities. Color is deep Indian red. Plants 25c.

Iolanthe.—The blooms are large and of exceptional depth. Color, deep coral red, every developed floret being distinctly tipped with gold. Plants 25c.

Johannesburg.—A monster. The color is bright gold, which in sunlight has a glittering, golden sheen. Plants 25c.

Jupiter.—It has three distinct colors, the ground being pink, with distinct yellow base, and the whole striped and splashed with bright crimson. Plants 25c.

Rev. T. W. Jamieson.—The central younger and unopened petals are yellow, but this quickly changes to lilac-rose. Plants 25c.

Red Admiral.—One of the most brilliant Dahlias in existence, the color being a rich, fiery scarlet. Plants 25c.

Snowstorm.—A large, bold, white flower of fine form, which is moderately incurved. Plants 25c.

NEW GARDEN CACTUS DAHLIAS.

The following varieties are especially useful for cut flowers or garden decoration. They may be left to grow perfectly natural, when they flower profusely.

Brisbane.—The form is quite of the best, and the color bright-orange scarlet. 50c.

Stability.—Flowers perfectly full in center and of good cactus form, their pretty pink color showing to great advantage. 50c.

Sunlight.—A very bright and effective little dahlia, produced freely on capital hard stems. The brilliant orange to yellow color suggested its name. 50c.

New Garden Cactus Dahlias (continued).

- Flagstaff.**—Color rich carmine, tipped rosy mauve, with yellow center. Form slightly incurved, flowers produced on absolutely rigid stems. 35c.
- Sweetbriar.**—Everyone who saw "Sweetbriar" at the exhibitions was charmed with its exquisite pink coloring and splendid stem, and unanimously voted it first place in the Garden Cactus Section. A coming favorite and we anticipate a big demand. 35c.
- White Ensign.**—Another typical Garden Cactus needing neither thinning nor disbudding. Flowers of medium size, compact and of lasting endurance. The name indicates the color. 35c.
- Lightship.**—This has the longest flower stem we have ever seen and as strong as a cane. Plants are tall and spare and may be left to grow perfectly natural. Color, yellow. 25c.
- Penguin.**—Similar to "Erecta" in growth, but it has in addition the best Cactus form. The color will please everyone, being a bright gold. 25c.
- The Lion.**—An enormous flower when disbudded. Color bronzy old rose suffused with salmon. The flowers are carried on the most wiry stems possible, the plants being of sturdy growth with dark, healthy foliage. 25c.

CARNATIONS.

- Matchless**—The new commercial white carnation, superior in size, fragrance and keeping qualities, none-bursting calyx, very prolific and continuous bloomer. Winner of two gold medals.
- Philadelphia**—The ideal rose-pink carnation in every respect, color, size of bloom, non-splitting calyx, length of stem, clean and vigorous grower, and as a producer is superior to many and second to none.
- Champion**—The coming scarlet. This variety is to the scarlets what "White Wonder" is to the whites. Never fails to be in full crop for Christmas—a scarlet "White Wonder" in every respect.
- Prices of above three varieties, \$2 per doz.; \$15 per 100; 2½-in. pot plants, \$17.50 per 100.
- Scarlet Wonder**—Good commercial scarlet; free bloomer; good, long, firm stem and very rarely bursts its calyx; very fragrant; easily propagated and a free grower.
- Prices, 12c. each; \$1.25 per doz.; \$8 per 100; pot plants, 2c. each extra.
- Enchantress Supreme**—Color of light salmon pink, a shade that is not only very attractive but one that endures full exposure to the sun without bleaching, a good all around carnation that retains its color at all seasons.
- Prices, 12c. each; \$1.25 per dozen; \$8 per 100; pot plants, 2c. each extra.
- Benora**—The best variegated ever introduced; it is also extremely free; flowers large, full, of perfect form, color cream white, beautifully pencilled with bright red, stem long and wiry, with narrow foliage. This carnation stands head and shoulders above anything else in its class.
- Price, \$1 doz.; \$6 per 100; pot plants, 2c. each extra.

Carnations (continued).

Rosette—A dark pink carnation, darker than rose-pink Enchantress and much brighter than Lawson, flowers large size, full and deep, calyx perfect, strong healthy clean-growing plant.

R. C., 60c. doz.; \$4 per 100; pot plants, 2c. each extra.

White Wonder—A greatly improved white Perfection, which begins blooming in September and continues throughout the season, snow white, fragrant, absolutely perfect in form, large in size on stiff stems, healthy and free and an easy rooter, grand in every way.

R. C., 60c. per doz.; \$4 per 100; pot plants, 2c. each extra.

White Enchantress—A pure white strain from Enchantress, for general use, there is none better than white Enchantress.

R. C., 60c. per doz.; \$4 per 100; pot plants, 2c. each extra.

CHRYSANTHEMUMS.

Prices, 10c. each; 75. dozen; \$5 per 100, except where noted.

Alice Solomon—Pure white, big, incurved, stiff stems, the finest white of its date, October 15th. \$2.50 per dozen.

Bronze Brighthurst—A bronze colored sport of the old favorite.

Chieftain—(Ivy Gay) The best pink commercial ever introduced, a rose-pink Bonnaffon. \$2.50 per dozen.

Chrysolora—The best yellow for early October; fine incurved form with perfect stem and foliage up to the bloom.

Chadwick Supreme—Color, bright pink, form reflexed of Vivian Morel type, and in habit it is a duplicate of W. H. Chadwick.

Charles Razer—A pure white, of special merit, flower much like Bonnaffon in form, but larger.

December Gem—White, with a slight pink tinge, ball shaped, very stiff wiry stem, blooms from the last of November to the middle of December.

Dr. Enguehard—Grand commercial variety, color pink, stem and foliage perfect.

Dolly Dimple—Extra good, yellow of large size, a rather flat, inrolling incurve of great spread, as fine stem and foliage as "Eaton..

Elberon—An exceptionally large Japanese incurved of the M. Loiseau Rousseau type, but of a more pleasing shade of pink, very strong grower with rigid stem, and foliage close to the bloom. Ready October 15th; unsurpassed as an exhibition sort either for collection or vases. C. S. A. certificate, also awarded silver cup at St. Paul and Cleveland as a sweepstake prize for best seedling. 50c. each; \$5 per dozen.

Elise Papworth—Of the purest white, very full and large, with good substance, stem and foliage leaving nothing to be desired.

Glenview—The large Japanese blooms are dark bronze, sometimes showing a little of the Indian red lining, it is also a good commercial bronze, giving double flowers from late buds.

Golden Chadwick—The very best late commercial yellow, can be had very late and is a splendid keeper.

Chrysanthemums (continued).

- Harvard**—Japanese reflexed, very dark crimson, in perfection November 15th and later; the best red yet introduced; double from any bud.
- Ivory**—This variety is not as large as some, still it is a good commercial white, good stem.
- Jeanne Nonin**—A fine late white, with large incurved blooms.
- Lucile Quinlan**—In color, rich yellow; better than Col. D. Appleton, but in form not so closely incurved, although decidedly globular; shows no trace of bronze from late buds; strong vigorous grower; its size makes it suitable for exhibition as well as commercial use. \$2 per doz.
- Lynnwood Hall**—Japanese incurved of perfect form, pure white, stiff stem and good foliage.
- Mary E. Meyer**—A Japanese of medium size and especially adapted to commercial use, short jointed growth with ample foliage extending up to the bloom, color purest paper white, good keeper. \$2 per dozen.
- Mrs. G. C. Kelly**—Old rose with silvery reverse, perfect stem and foliage, and a very strong grower.
- Mrs. Barlett E. Hayward**—A fine bright pink, coming ten days later than Unaka, but never showing an open center, maturing October 20th; dwarf habit, fine stem and foliage, this variety will be largely grown commercially. \$1.00 per doz.
- Major Bonaffon**—This splendid yellow incurved is still a commercial favorite.
- Mrs. H. Robinson**—Incurved white, one of the most widely grown white for its date, November 1st.
- Mrs. David Syme**—The purest white and of the largest size. It carries the foliage right up to the flower, stem absolutely perfect, and when bud is taken, about August 15th, produces a flower that is as near perfection as it is possible to get.
- Mrs. Gilbert Drabble**—White as snow, stiff stem, and foliage fine; enormous incurving flower, petals inrolling and loosely arranged, the most startling novelty of 1912. \$3.00 per dozen.
- Nakota**—A very large Japanese incurved, color orange buff, stem and foliage perfect and a vigorous grower. \$2 per dozen.
- Naomah**—One of the best varieties of recent introduction, pure white, perfect incurved blooms on long stems.
- Patty**—A beautiful shade of Enchantress pink, a pretty incurved, and a fine late variety.
- Pink Gem**—A pleasing shade of light pink, perfect form, ideal stem and foliage, and a wonderful substance, will be grown extensively.
- Ramapo**—A seedling of Col. D. Appleton, which will take the place of that variety, the same color, splendid stem, foliage right up to the flower, this variety has found a place as a first-class commercial yellow.
- Roman Gold**—Intense golden yellow, perfect stem, and foliage, easy to manage; from late buds they show the bronzy tints in the depths of the petals.

Chrysanthemums (continued).

- Solomon's Gold**—Bright yellow sport of Alice Solomon, the very best commercial yellow of its date, October 15th. 50c. each; \$5 per dozen.
- Smith's Sensation**—Its delicate shade of cameo pink is greatly enhanced under artificial light, it is closely incurved and of the largest size, the latest buds intensify the color.
- Thanksgiving Queen**—Very large creamy white that comes just right for Thanksgiving, strong stem, and so upright and sturdy in growth as scarcely to require tying.
- Timothy Eaton**—One of the best known whites in cultivation and grown in tremendous quantities, hardly any limit to the size of this variety can be grown.
- Unaka**—A strong grower, long stems and good foliage, a fine incurved bloom of lavender pink, maturing the first week in October.
- Well's Late Pink**—Grand pot variety, producing an enormous bush, as free and clean a grower as Eaton, producing big substantial bloom, color pure bright pink, take the last bud.
- W. H. Chadwick**—A grand variety for late commercial work, white shaded with bluish, take terminal buds.
- William Turner**—This variety continues to create a sensation as exhibited at the shows, makes a perfect ball of the purest possible white and has displaced Merza and all others of that character at the exhibition table, this variety is also one of our best standard commercial kinds.
- White Perfection**—Purest white, high rounded incurved, and double under all conditions, fine stem and foliage, easy to do, best bud, Sept. 5th. \$2 per dozen.
- Yellow Eaton**—Bright yellow sport from Timothy Eaton, for everybody's use, for commercial purposes as well as for show, it is strictly A No. 1.

ANEMONE-FLOWERED CHRYSANTHEMUMS.

Prices, 2¼-in. pots, 10c. each; \$1.00 doz.

- Anna**.—Rose pink, with deeper shadings and a yellow center. It makes a splendid pot plant and produces beautiful sprays of cut flowers.
- Diantha**.—Single row of white guard petals, with a high, round, cream-colored cushion; is admirably adapted to either pot or bench culture.
- Garza**.—Single; a beautiful variety, with very stiff stems, nicely branching, blooming in sprays; florets stiff and ray-like, snow white, with golden-yellow center. An elegant cut flower.
- Laurita**.—Dwarf habit, making fine compact plants of medium size. Being very free, it is also useful grown to sprays. Ray florets quilled nearly their entire length and a small cushion center of the same color. Bright yellow; in season Nov. 1st.
- Mary Colladay**.—A seedling of Garza, with habit of parent; in color, a rich, rosy, lavender-pink. Extremely free and of excellent keeping qualities.
- NEW JAPANESE ANEMONE "PRINCESS"**.—An improvement on "Garza," to which it is superior in every way. Pot plants, 25c. each; \$2.50 per doz.

Single Varieties.

Prices, 2¼-in. pots, 10c. each; \$1.00 doz.

Allegheny.—A beautiful light pink, very similar in color to Ladysmith, which it will supersede. Very free, flowering about Oct. 20th.

Blazing Star.—An improved Hilda Wells, which it resembles in form, but the color, instead of being a dull red, is the brightest and richest shade of crimson imaginable. Those desiring a good single red should not fail to give this a trial. It is best adapted to grow for sprays.

Clea.—Growth upright, forming large sprays of a delicate shade of light pink.

Kitty Bourne.—Fine shade of golden yellow. Stiff stems, extra good.

Mary Richardson.—Has color like sunshine on old gold, with a salmon-bronzy tinge; extremely fine; a beautiful grower, producing fine sprays.

Merstham Jewel.—Rosy terra-cotta, with golden points and center; a glorious variety; arrangement on the sprays cannot be improved.

Ladysmith.—Early pink; useful for bush plants.

EARLY FLOWERING CHRYSANTHEMUMS.

Excellent Out-door Varieties.

Prices, 2¼ inch pot plants, 15c. per plant; \$1.50 per dozen;
\$10.00 per 100.

An assortment of very early, large, double-flowering varieties. The value of these plants can scarcely be over-estimated for the private garden, as they will produce an abundance of bloom from the end of August until cut down by frost. Early 'Mums should be planted on ground that has been deeply dug and fairly well manured. Plant them out about the middle of May, put one good stick to each plant and tie the shoots as they grow, pinching them once or twice to make them bushy—but not after July 1st. Water thoroughly at intervals during dry weather. Allow each plant a space of 18 in. to 2 ft. and they will produce enormous quantities of flowers.

Abercorn Beauty.—Deep bronze flowers, large, very freely produced. A sport from "Polly."

Carrie.—Deep golden-yellow, medium sized flowers, very freely produced. Plants bushy in habit.

Comtesse de Cariel.—Orange-bronze flowers produced in great profusion. A good garden variety.

Coral Queen.—Reddish-bronze, a distinct color.

Crimson Queen.—Deep crimson; flowers large, borne in great profusion; plants very bushy and compact.

Eden.—Bright rose, flowers medium in size, freely produced on long sprays; useful for cutting.

Ethel Blades.—Yellow, much marked with chestnut brown; bright flowers on long, stiff stems.

Fleuve Rouge.—Coppery-red, very free flowering; a fine variety.

Early Flowering Chrysanthemums (continued).

Francis.—Bronzy-red, very free; splendid habit.

George Bowness.—Crushed strawberry.

Goacher's Crimson.—Bright crimson; a beauty; flowers large, carried on long stems. A fine cut flower variety.

Harrie.—Bronzy-orange on gold ground; very free flowering.

Jimmie.—Crimson-purple, large full flower; good disbudded or in sprays.

Leslie.—Rich buttercup-yellow; a real beauty for garden decoration. Flowers borne in great profusion from end of August until November.

Lillie.—Pearl-pink; flowers large; splendid habits.

Le Cygne.—Purest white; long stiff stems; good disbudded.

King of White.—A most graceful flower, with fine long petals and absolutely pure white.

Maxim.—Bronze; flowers large.

Medusa.—Bronzy-red, with a buff reverse; petals quilled; flowers medium in size.

Mignon.—Delicate rose mauve; charming color. Flowers large and produced in great abundance.

Nina Blick.—Reddish-bronze; a splendid variety either in sprays or disbudded.

Normandie.—Delicate pink, a lovely color; begins to flower at the end of August.

Perle Chatillonnaise.—Lemon-white; flowers large on long sprays, produced in the greatest abundance. One of the best cut flower varieties we have.

Polly.—Deep orange. The early flowers are amber. Ideal habit; a grand variety.

Orion.—Guinea gold; free and bushy; good disbudded or in sprays.

October Gold.—Old gold; grand for bunching.

Pride of Keston.—Reddish-rose; very large flowers.

Ralph Curtis.—Creamy white.

Robbie Burns.—Pink; sport from "Mme. Marie Masse"; medium sized flowers.

Rosie.—Terra-cotta; a large flower.

T. Banister.—Lemon-yellow; sport from "Perle Chatillonnaise"; the same habit and just as free flowering.

Touraine.—Porcelaine; a lovely shade. A solid flower with broad incurving florets.

White Mme. Masse.—Creamy white; large flowers.

White Pitcher.—Bluish-white.

Well's Primrose.—Stiff, erect grower; large spreading flower; color, pale primrose-yellow.

POMPON CHRYSANTHEMUMS.

Pompons are becoming more popular year by year. They are in heavy demand as well-grown pot plants, and lend a distinctive grace and beauty to floral decorations of all kinds.

Prices for 2¼ inch pot plants, 10c. per plant; \$1.00 per dozen;
\$7.00 per hundred.

Alena.—Flat, reflexed; dainty pink; one of the best and earliest.

Pompon Chrysanthemums (continued).

- Allentown.**—Golden bronze; long stems.
- Angelique.**—Pure white, high built flower.
- Boston.**—Golden bronze; very fine.
- Brown Bessie.**—Dark bronze; small flowers.
- Baby.**—In a class quite by itself; a fine grower with dainty foliage and stiff stems, solid little flowers with curiously folded petals; like plump, golden buttons, very late.
- Baby Margaret.**—Small and compact in form, with flowers twice as large as "Baby" on longer stems; pure white; very useful and substantial.
- Diana.**—A fine pure white.
- Eleganta.**—Deep rose, shaded white.
- Elva.**—The most beautiful of white pompons, pure in color, of full, fluffy form; very early; extremely useful to every grower of cut flowers.
- Excelsior.**—Large flowers; bright orange yellow; long stems.
- Fairy Queen.**—A very greatly improved "Alena." Has more substance, brighter color, and is a few days earlier; the best and earliest pink pompon.
- Helen Newbury.**—Fine Thanksgiving white. One of the larger pompons, an enormous producer, very pure in color; good stem and excellent keeper.
- Julia Lagravere.**—Crimson-maroon; produces fine sprays.
- King Henry.**—Straw-white; long stems.
- Inga.**—Bright red of beautiful shade, fine size and elegant form; one of the earliest.
- Klondike.**—Most beautiful yellow in the family; extra fine.
- Lillian Doty.**—Beautiful shade of shell pink, making perfect globes of incurved flowers.
- Lillia.**—Tall, stiff stems; good sized flowers, freely produced; grand red color.
- Little Pet.**—Rich violet-red; a good cut flower variety.
- Lula.**—Lovely snow white, globular form, and of medium size; in season for fully four weeks.
- Lyndhurst.**—Deep scarlet-bronze, exceptionally free flowering.
- Merstham Tints.**—Yellow, very free flowering; small foliage and erect stems.
- Minta.**—Lovely Enchantress-pink form of a fever-few; very free. Owing to its upright growth it is one of the best for specimen plants.
- Miss Julia.**—Orange-red, turning to yellow.
- Quinola.**—Stiff stemmed, golden yellow; a favorite commercial in Philadelphia.
- Queen of the Whites.**—Fine creamy white; strong grower; best in its color.
- Rufus.**—Crimson-maroon, very fine.
- Rhoda.**—Pink shaded white; a very satisfactory variety.
- Overbrook.**—Yellow; very free and early.
- Skibo.**—Earliest of all opens bronze, maturing in yellow.
- Utan.**—Light magenta, tipped white; globular form.
- Souvenir d'Or** (synonyms: Mrs. Frank Wilcox, Mrs. Beu.)—Very popular; orange and bright bronze; late. One of the very best.

GERMAN IRIS.

The popular Flag Iris, or true Fleur-de-Lis. Delights in a sunny, well-drained position and, quite unlike the Japanese, if exposed to wet situations they are liable to decay. June finds this Iris at its best. When planting, observe that the growing part of the crown protrudes from the soil, and only when established should this be covered entirely.

Agnes.—White, edged pale lilac.

Asiatica.—Standards rich blue; falls violet-purple.

Aurea, or Canary Bird.—Golden yellow.

Darius.—Standards light yellow; falls purple, veined yellow and white.

Empress Victoria.—Standards pale blue; falls purple.

Gloire de Hillegom.—Beautiful porcelain-blue.

Innocenza.—Large; pure white.

Macrantha.—Blue and violet; large flower.

Mad. Chereau.—Standards white, with sky-blue, feathered edges; falls white, slightly frilled blue.

Maori King.—Standards deep golden yellow; falls blackish chestnut bordered gold; one of the very best varieties.

Mrs. Horace Darwin.—White, slightly veined violet at base.

Queen of May.—Beautiful rosy lilac.

Named varieties, 15c. each; \$1.50 per doz., \$8 per 100; Mixed varieties, 10c. each, \$1 per doz., \$5 per 100.

IRIS PALLIDA DALMATICA.

This is the grandest of all the German Irises. Color deep, clear lavender; very large flowers, sweet-scented. This Iris should be planted largely where cut flowers are in demand, as it is certainly the best of its class. A grand Iris for massing in borders; it is superb. 25c. each, \$2.50 per doz., \$20 per 100.

IRIS INTERREGNA.

An interesting new type, blooming earlier than the German Iris.

Fritjof.—Standards pure, light lavender-blue, falls velvety violet.

Halfdan.—Light cream self-color, of perfect form.

Helge.—Lemon-yellow, with pearl-white center.

Ingeborg.—Pure white; a grand flower.

Walhalla.—Standards lilac-lavender; falls velvety claret-red.

30c. each, \$3 per doz.; one each of 5 varieties, \$1.25.

HARDY PHLOX

Ten Hardy Phloxes of Special Merit.

Prices, 25c. each, \$2.50 per doz., \$18 per 100.

Collection, one each, 10 varieties.....\$2.00

It is difficult, out of the great number of varieties of Hardy Phlox, for the amateur who desires a limited number of varieties always to get the best. While all the varieties listed are entitled to a place in a good collection, the following ten are in every way among the best:

Elizabeth Campbell.—New; very large spikes with flowers of quite a new color; light salmon changing to pink in the center. Extra.

F. von Lassburg.—Three feet; purest white; best for massing.

Frau Buchner.—New; undoubtedly the finest pure white Phlox yet raised.

Hardy Phlox (continued).

Strong habit, individual flowers of enormous size and perfect form. Dwarf.

- G. A. Ströhlein.**—Bright fiery red with rose eye; three feet. This variety does not burn so badly as most of its color. A grand acquisition.
- Iris.**—Magenta-self with violet reverse to the petals; large, much-branched truss; two and a half feet. A showy variety.
- Mad. Paul Dutrie.**—Soft pink color, reminding one of the shade of a cattleya, suffused with white; immense panicles of very large flowers.
- F. Rosenberg.**—New; fiery carmine-violet with blood-red eye; should be added to every collection.
- R. P. Struthers.**—Bright rosy carmine with claret-red eyes; large flowers and fine truss.
- Selma.**—Pink with cherry-red eye; strong habit, produces very large flowers in pyramidal trusses.
- Wolfgang von Goethe.**—Brilliant rose with dark red shade and large white center.

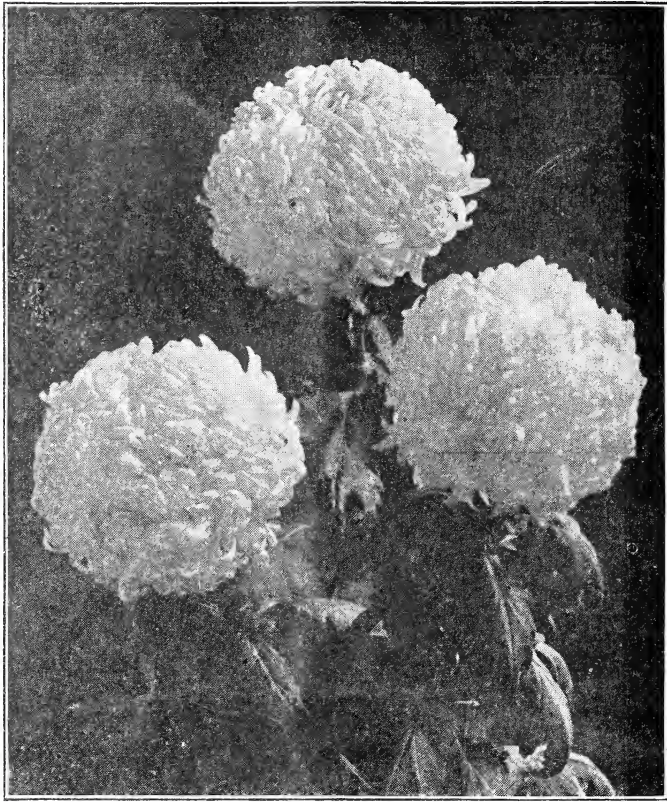
GENERAL COLLECTION OF HARDY PHLOX.

- Bridesmaid.**—Pure white with large crimson-carmine eye.
- Charles Darwin.**—Salmon-pink, crimson center.
- Coquelicot.**—Bright fiery red with rose eye.
- Caran d'Ache.**—Bright salmon-rose.
- Eclairer.**—A.M.R.H.S.; rosy magenta with an indistinct paler band surrounding the eye.
- Epopee.**—XXX, R.H.S.; magenta, shading paler toward the eye.
- Esperance.**—Pale, rosy purple, with white center.
- Etna.**—A.M.R.H.S.; fiery red with a rose eye.
- Ferdinand Cortez.**—XXX, R.H.S.; rosy magenta with deep eye; tinged salmon round the eye.
- Flambeau.**—XXX, R.H.S.; strawberry-red with deeper eye.
- Independence.**—A large, pure white variety.
- Gen. Chanzy.**—Fiery red, starry flowers, loose-branched truss.
- Gen. Van Heutz.**—Bright fiery red with large pale rose center.
- J. H. Slocum.**—Rose-pink with crimson eye.
- Jules Jouey.**—Deep bluish lilac running to white at the eye.
- Mme. P. Langier.**—Bright red, vermilion center.
- Pantheon.**—XXX, R.H.S.; salmon-rose with a magenta eye and a pale zone around it.
- Premier Ministre.**—Rosy white, deep rose center; fine for massing.
- Richard Wallace.**—White, violet center.
- R. P. Struthers.**—Bright rosy carmine with claret-red eye.
- William Ramsay.**—Crimson-carmine with a deeper eye.
- Price, any of the varieties in the General Collection, 15c. each, \$1.50 per doz.

Early Flowering Hardy Phlox.

- Miss Lingard.**—A grand white variety, which begins flowering after the middle of June and continues throughout the season. Extensively used for cut flowers. 20c. each, \$2 per doz., \$12 per 100.

CHRYSANTHEMUM WM. TURNER IN OKLAHOMA.



From "Horticulture," of November 29, 1913.

I enclose photograph of three William Turner blooms measuring $26\frac{1}{4}$ inches in circumference. I only had 25 plants and the blooms all measured from 23 inches to $26\frac{1}{4}$ inches in circumference. They were grown in a lench, the soil being three inches deep.

JAMES RUST, Gardener to Charles Page,
Sand Springs, Okla.

Sand Springs, Okla., Dec. 10, 1913.

THOMAS W. HEAD.,
Bergenfield, N. J.

Dear Sir:—I enclose photograph of three Wm. Turner Chrysanthemums. They were grown from the cuttings you shipped to me. . . . I want to get more cuttings of some good kinds.

JAMES RUST, Gardener to Charles Page.